



Defense Logistics Agency

Supply - Transportation Interface

by

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Briefing for:

Supply PRC

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Background

- **USTRANSCOM Information Data Flow IPT (July 24-25, 2007)**
 - Identified several “air gaps” as systems hand off data to one another
 - Problem:
 - Manual processing by downstream system
 - Decrease data quality due to human intervention
 - Increase processing time due to manual work
 - Chartered Standard Transportation Interface sub-IPT to document gaps, identify standard transactions and propose “way ahead”
- **Standard Transportation Interface sub-IPT (August 2007)**
 - Top priority gap: lack of seamless interface between retail supply and transportation systems at origin
 - Need two-way standard interface for supply receipt and acknowledgement
 - Pre-position release order (material, disposal, and lateral) data to transportation
 - Allow for supply follow-up requests and status responses
 - Allow for cancellation requests and associated acknowledgements
 - Provide material release acknowledgements to supply
 - Provide flexible solution set for legacy and DLMS compliant systems
 - No changes to legacy retail supply systems
 - Use existing transactions to maximum extent possible

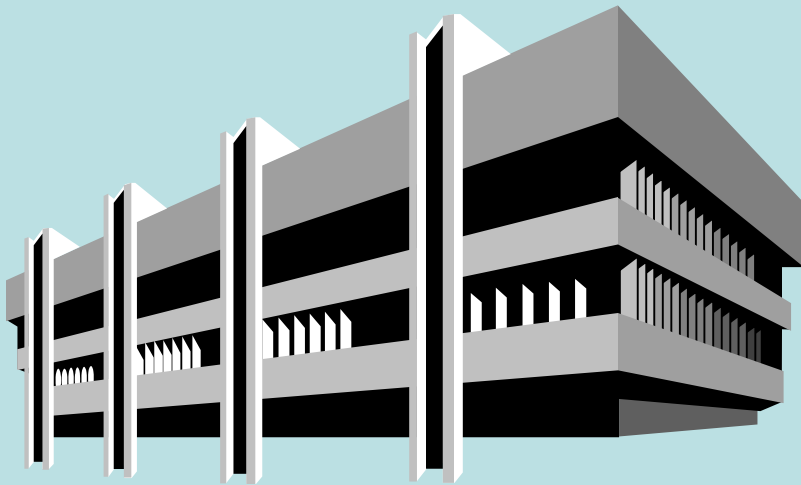


Project Participants

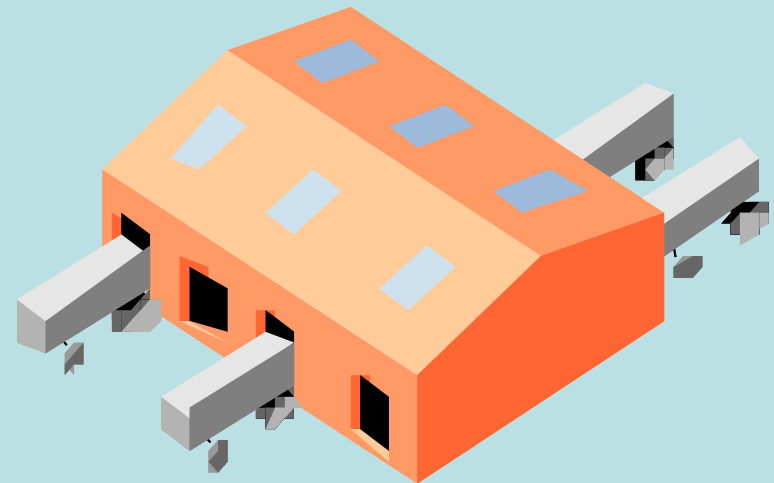
| Organization | Role |
|---------------|---|
| USTRANSCOM J6 | <ul style="list-style-type: none">• DTEB• Standard Transportation Interfaces IPT |
| DLMSO | <ul style="list-style-type: none">• Identify standard DLSS/DLMS transactions• Conduct gap analysis |
| HQ USAF | <ul style="list-style-type: none">• Sponsor requirement• Provide legacy interface documents for baseline |
| CMOS | <ul style="list-style-type: none">• Prototype DLMS interfaces• Commence development in 2009 |
| DMLSS | <ul style="list-style-type: none">• Prototype DLMS interfaces• Commence development in 2009 |
| GCSS-MC | <ul style="list-style-type: none">• Prototype DLMS interfaces• Commence development in TBD |
| SBSS | <ul style="list-style-type: none">• Prototype MILS to DLMS interfaces• Commence development in 2009 |
| ECSS | <ul style="list-style-type: none">• Prototype DLMS interfaces• Commence development in TBD |
| DAAS | <ul style="list-style-type: none">• Route transactions between designated systems• Map between legacy and DLMS compliant systems |



Virtual Warehouse



**Retail Supply
Warehouse**
(e.g., SBSS, DMLSS)



**Transportation
Docks**
(e.g., CMOS)



DLMSO Approach

- Two-phases:
 - Phase I: Stock transactions (e.g., DD1348-1A)
 - Phase II: Non-stock transactions (e.g., DD1149)
- Initial focus is on Phase I
- Commence Phase II analysis in Fall 2008



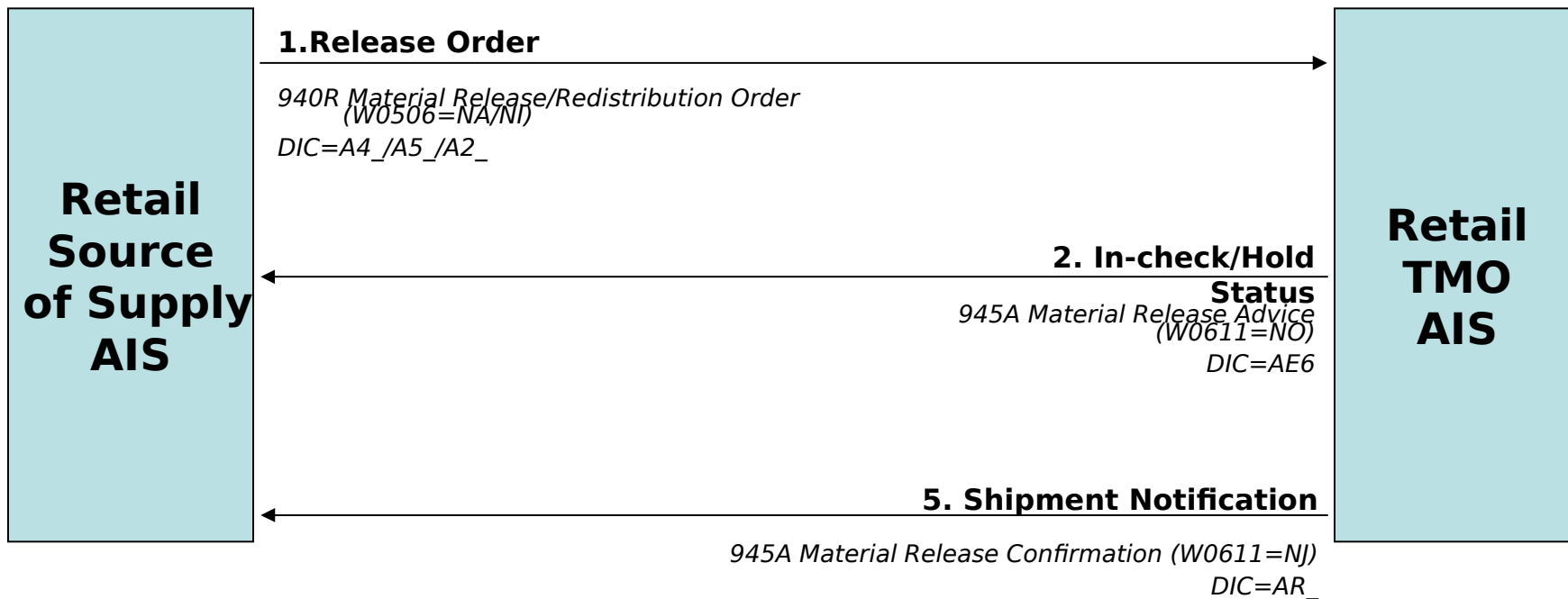
Phase I Approach

- Identify data requirements
 - MILSTRIP guidance
 - Interface agreements (general cargo, ammo, medical)
- Identify candidate DLMS EDI/XML
- Perform gap analysis
- Develop legacy and migration courses of action (COA)
 - Legacy Transition (MILS-DLMS): Use DAAS to provide interim capability with minimal impact to supply domain
 - Migration (DLMS-DLMS): Fill gaps via PDC/ADC and implement in Service ERPs and other DLMS-compliant systems



Functional CONOPS

(Normal Process)

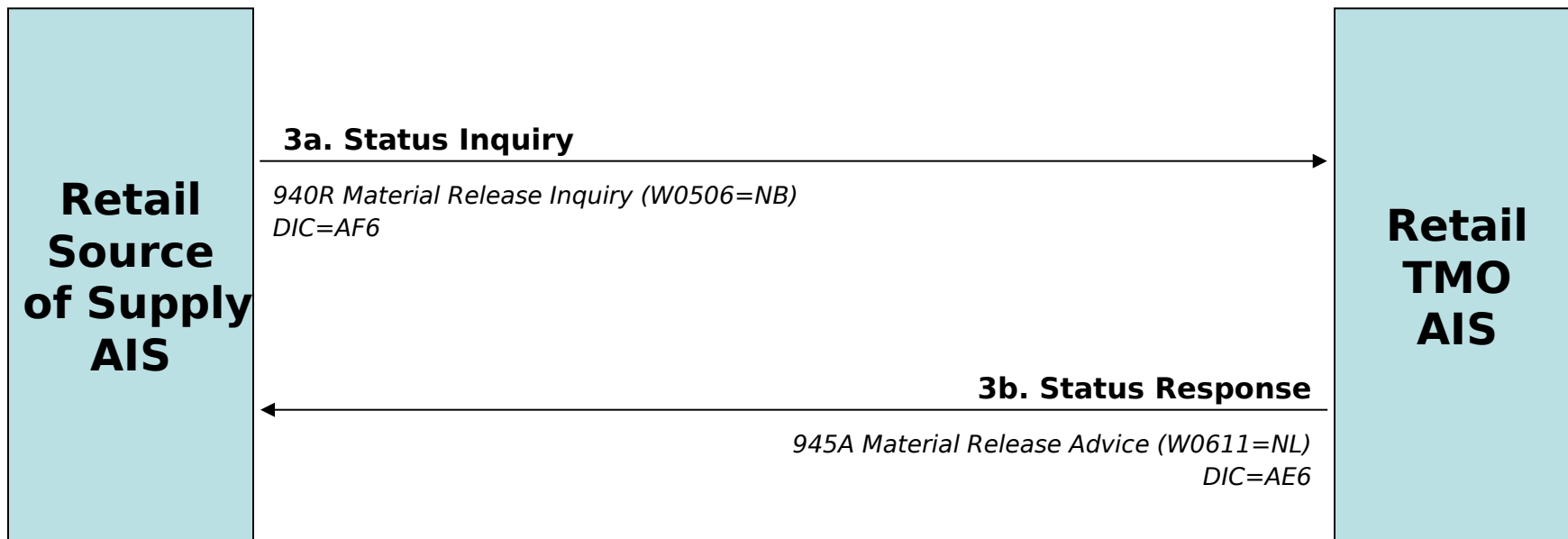


Note: This process also applies to disposal transactions with their applicable DLMS qualifiers and DIC codes



Functional CONOPS

(Status)

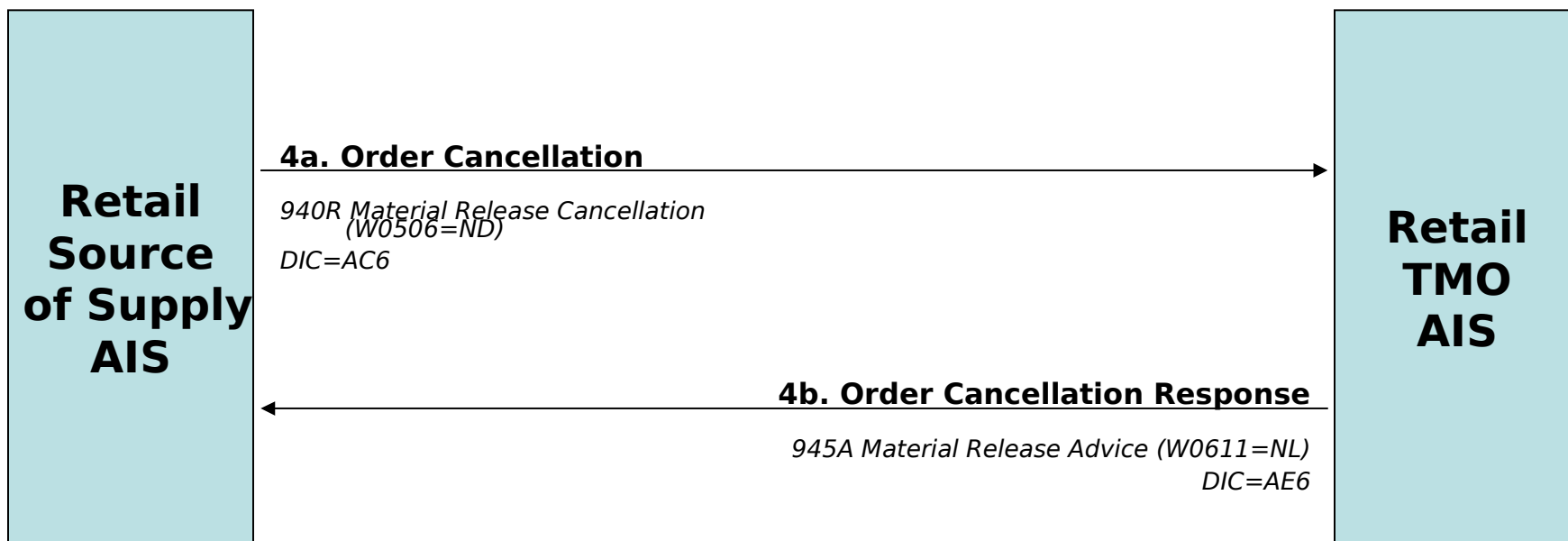


Note: This process also applies to disposal transactions with their applicable DLMS qualifiers and DIC codes



Functional CONOPS

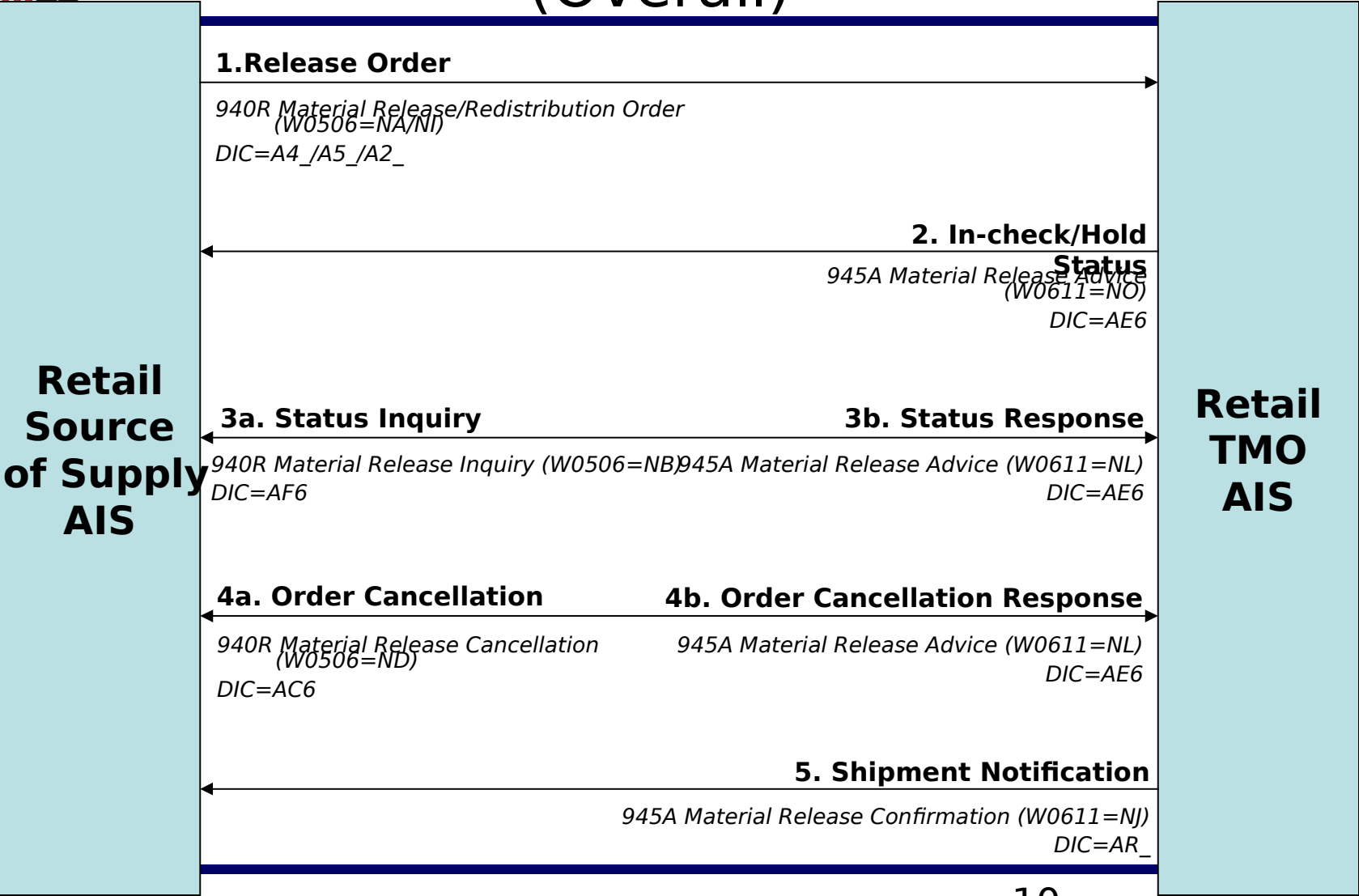
(Cancellations)



Note: This process also applies to disposal transactions with their applicable DLMS qualifiers and DIC codes



Functional CONOPS (Overall)





MILS-DLMS

(Legacy Transition)

Existing MILS formats

Standardized DLMS formats

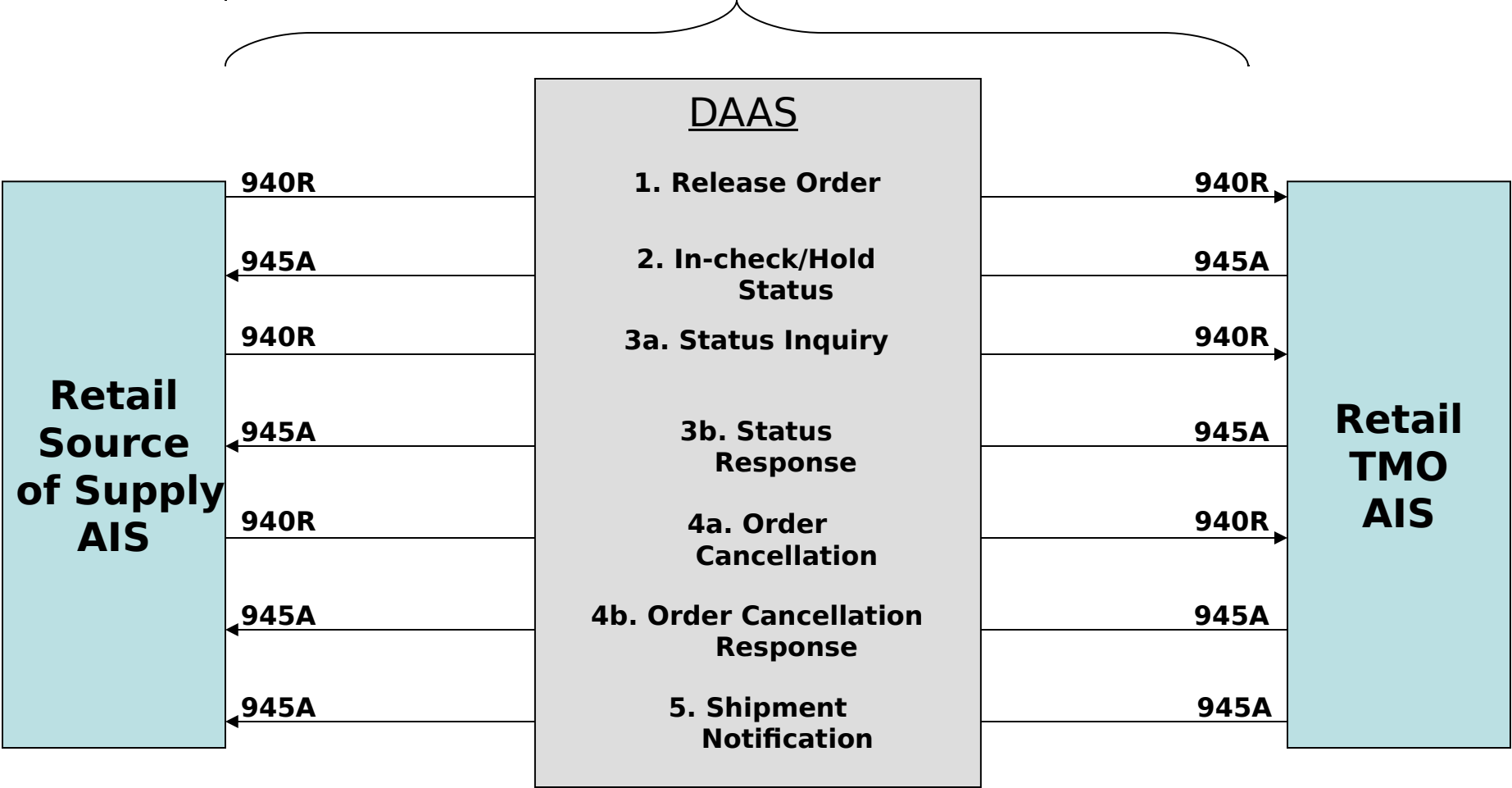




DLMS-DLMS

(Migration)

Standardized DLMS formats





Status

- ✓ Identify data requirements
- ✓ Identify candidate DLMS EDI/XML
- ✓ Perform gap analysis
- ✓ Develop legacy & migration courses of action (COA)
- ✓ Deliverable to USTRANSCOM/DTEB (April 2008)
 - Conduct work group meeting with stakeholders to review analysis
 - Validate criticality of gaps
 - Finalize COA
- ✓ Submit required Proposed DLMS Changes to DLMSO/Supply PRC to fill critical gaps



PDC 324 Highlights

- DoD 4000.25-1-M, MILSTRIP, Chapters 2, 3, 4, and selected Appendixes:
 - Inserted hooks to revised procedures in DOD 4000.25-M, Volume 3, Chapter 2
 - Follow-ups (C2.13); Cancellation of Requisitions (C2.17)
 - Preparing Materiel Release Orders (C3.15); Materiel Release Confirmation (C3.16); Processing Follow-ups (C3.21); Processing Redistribution Orders (C3.23); Supply Source Submission of Single Line Cancellation/Diversion Requests to Storage Activities (C3.33); Storage Activity Processing of Single Line Cancellation/Diversion Requests (C3.34); Directing Materiel to the Defense Reutilization and Marketing Service (C3.39)
 - Status, General (C4.1)
 - Appended definition for DIC AE6 to support unsolicited supply status messages (AP2.1)
 - Established unique distribution code for this interchange (AP2.12)
 - Appended definition for status code "BA" to support incheck of cargo by transportation (AP2.16)
 - Inserted footnotes explaining dual use of signal code field triggered by distribution code = "1" (AP3.10)
- DoD 4000.25-M, Volume 3, Chapter 2 (NEW)
 - Retail Supply Activity Procedures; Servicing Transportation Activity Procedures; DAASC Processing Procedures
 - Data Interchange Procedures
 - Multi-pack Processing
 - Assemblage (e.g., Medical) Processing
- DS 940R and DS 945A
 - New DLMS Notes to support this interchange
 - New qualifiers for the action code segment
 - New qualifiers for lead document number and AIN for multi-pack and assemblage processing



Questions?

